



Dolan Chemical Laboratory
4001 Bixby Road
Groveport, OH 43125
T: 614-836-4221, Audinet 210-4221
F: 614-836-4168, Audinet 210-4168
<http://aepenv/labs>

Water Analysis

Location: Mountaineer Plant

Report Date: 10/1/2013

Trip Blank

Sample Number: 133843-001 **Date Collected: 09/11/2013** **Date Received: 9/20/2013**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	0.23	ng/L	J	0.50	0.20	TLT	09/25/2013	EPA 1631E

Field Blank

Sample Number: 133843-002 **Date Collected: 09/11/2013** **Date Received: 9/20/2013**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	0.21	ng/L	J	0.50	0.20	TLT	09/25/2013	EPA 1631E

Plant Outfall #001

Sample Number: 133843-003 **Date Collected: 09/11/2013** **Date Received: 9/20/2013**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	5.3	ng/L		2.0	0.80	TLT	09/25/2013	EPA 1631E

Bioreactor Effluent

Sample Number: 133843-004 **Date Collected: 09/11/2013** **Date Received: 9/20/2013**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	3.2	ng/L		1.0	0.40	TLT	09/25/2013	EPA 1631E

CPS Effluent

Sample Number: 133843-005 **Date Collected: 09/11/2013** **Date Received: 9/20/2013**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	167	ng/L		20	8.0	TLT	09/25/2013	EPA 1631E

Trip Blank

Sample Number: 133843-006 **Date Collected: 09/18/2013** **Date Received: 9/20/2013**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	< 0.20	ng/L	U	0.50	0.20	TLT	09/25/2013	EPA 1631E

Field Blank

Sample Number: 133843-007 Date Collected: 09/18/2013 Date Received: 9/20/2013

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	< 0.20	ng/L	U	0.50	0.20	TLT	09/25/2013	EPA 1631E

Plant Outfall #001

Sample Number: 133843-008 Date Collected: 09/18/2013 Date Received: 9/20/2013

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	7.1	ng/L		2.0	0.80	TLT	09/25/2013	EPA 1631E

Bioreactor Effluent

Sample Number: 133843-009 Date Collected: 09/18/2013 Date Received: 9/20/2013

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	4.0	ng/L		1.0	0.40	TLT	09/25/2013	EPA 1631E

CPS Effluent

Sample Number: 133843-010 Date Collected: 09/18/2013 Date Received: 9/20/2013

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	183	ng/L		20	8.0	TLT	09/25/2013	EPA 1631E

Stormwater Outfall #003

Sample Number: 133843-011 Date Collected: 09/12/2013 Date Received: 9/20/2013

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Mercury, Hg	2.4	ng/L	J	5.0	2.0	TLT	09/25/2013	EPA 1631E

U: Analyte was analyzed and not detected at or above adjusted Method Detection Limit

J: Analyte was positively identified, though the quantitation was below Reporting Limit.



Brian Snyder, Chemist II

Email bssnyder@aep.com

Tel. 614-836-4224

Fax 614-836-4168

Audinet 210-4224

THIS TEST REPORT RELATES ONLY TO THE ITEMS TESTED AND SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT WRITTEN APPROVAL OF THE LABORATORY. ALL TEST RESULTS MEET ALL OF THE REQUIREMENTS OF THE ACCREDITING AUTHORITY, UNLESS OTHERWISE NOTED.